

Converting Colors

CIELCh(74, 42.562, 141.495)

Have a look what the booklet for
CIELCh(74, 42.562, 141.495)
contains.

CIELCh(74, 42.473, 141.737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 42.473, 141.737)

Conversions

Conversions Part 1

Format	Color
Hex	85C584
RGB	133, 197, 132
RGB Percent	52%, 77%, 52%
CMY	0.4776, 0.2266, 0.4816
CMYK	0.32, 0.00, 0.33, 0.23
HSL	119°, 36%, 65%
HSV	119°, 33%, 77%
XYZ	33.8984, 46.7039, 29.1290
YIQ	170.4540, -17.2790, -33.7830

Conversions

Conversions Part 2

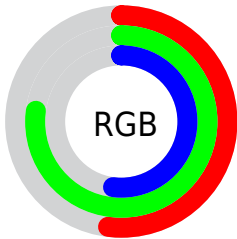
Format	Color
RYB	132, 197, 196
Decimal	8766852
CIELab	74.00, -33.35, 26.30
CIELCh	74, 42.473, 141.737
Yxy	46.7039, 0.3089, 0.4256
Android (android.graphics.Color)	4286956932 (0xFF85C584)
YUV	170.4540, -18.9578, -32.8472
Hunter-Lab	68.3403, -31.0552, 22.5667

Details

The CIELCh color $74, 42.473, 141.737$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $64, 42.490, 325.765$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 42.247, 141.894$, and $54, 42.607, 141.945$ is the 20% darker color. If you saturate the color by 10%, you get $73, 54.898, 140.797$, and if you desaturate by 10%, it is $75, 29.652, 142.564$.

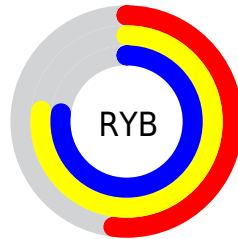
Distribution



Red (52%)

Green (77%)

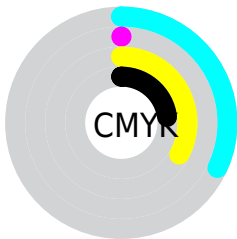
Blue (52%)



Red (52%)

Yellow (77%)

Blue (77%)

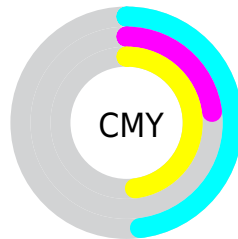


Cyan (32%)

Magenta (0%)

Yellow (33%)

Black (23%)



Cyan (48%)


Magenta (23%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 42.473, 141.737 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 74, 42.473, 141.737 by changing the saturation by 10% instead.


 74, 42.473,
141.737

 74, 42.473,
141.737


 100, 42.473,
141.737


 64, 42.473,
141.737


 94, 42.473,
141.737

 54, 42.473,
141.737

 44, 42.473,
141.737

 34, 42.473,
141.737

 24, 42.473,
141.737

 14, 42.473,
141.737

 4, 42.473, 141.737

■ 0, 42.473, 141.737

■ 74, 42.473,
141.737

■ 74, 42.473,
141.737

■ 73, 54.898,
140.797

■ 75, 29.652,
142.564

■ 72, 66.588,
139.758

■ 77, 16.691,
143.280

■ 71, 77.130,
138.671

■ 79, 3.787, 143.936

■ 70, 86.031,
137.626

■ 81, 8.919, 324.353

■ 70, 92.770,
136.759

■ 83, 21.335,
324.803

■ 70, 96.950,
136.204

■ 86, 33.400,
325.174

■ 86, 36.242,

■ 70, 98.631,
135.957

325.684

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74, 42.473, 141.737



64, 42.490, 325.765

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 42.473, 141.737



74, 42.473, 191.737



74, 42.473, 321.737



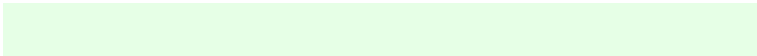
74, 42.473, 11.737

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74, 42.474, 141.737



98, 15.831, 143.465



78, 33.649, 106.293



52, 10.810, 143.372



0, 0.000, 0.000



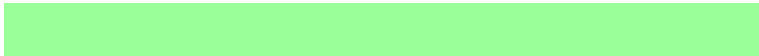
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 42.474, 141.737



92, 63.126, 141.028



75, 29.769, 159.695



41, 7.334, 143.514



58, 85.687, 135.941



11, 26.482, 143.300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64, 42.490, 325.765



77, 63.064, 326.141



63, 30.882, 345.811



39, 7.347, 324.511



38, 82.813, 327.627



4, 26.568, 326.411

Previews

White Background



This preview shows how the CIELCh color 74, 42.473, 141.737 looks on a white background.

Color Contrast Check

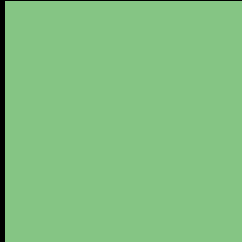
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 42.473, 141.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

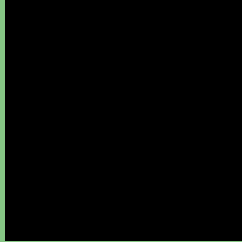
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 42.473, 141.737

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.473, 141.737.

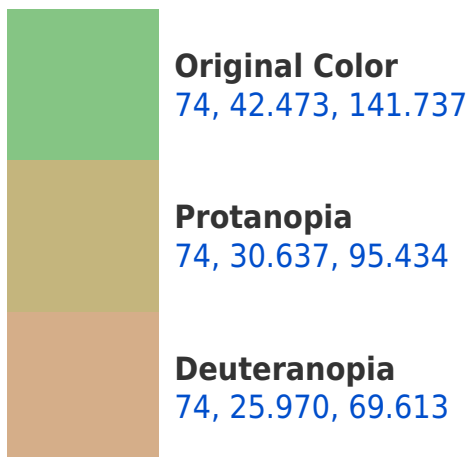


This preview shows how white text looks on a background with the CIELCh color 74, 42.473, 141.737.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



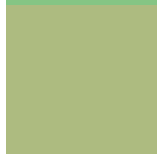


Tritanopia
74, 15.993, 229.215

Trichromacy



Original Color
74, 42.473, 141.737



Protanomaly
74, 31.922, 117.414



Deuteranomaly
73, 25.210, 105.856



Tritanomaly
74, 19.440, 174.855

Monochromacy



Original Color
74, 42.473, 141.737



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 15.999, 143.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.473, 141.737 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 197, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 197, 132)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 197, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 197, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.473, 141.737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 197, 132) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 197, 132) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 197, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 197, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 197, 132);  
box-shadow:4px 4px 4px 4px rgb(133, 197,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.473, 141.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 197, 132) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
197, 132) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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